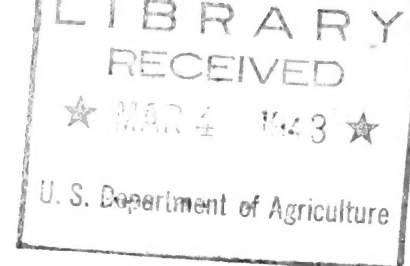


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1942
Reserve

UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Entomology and Plant Quarantine
Washington, D. C.



December 21, 1942

1.9
En86D

1942 Reserve Results of the 1942 trap-scouting to secure information on the distribution and possible status of the Japanese beetle in localities outside the area regulated by Federal quarantine are summarized in the attached statement. As a part of this report there is included a list of all the localities outside the regulated area where trap-scouting was carried on and beetles found during the current or preceding seasons. This list records the results for the years 1931-1942, inclusive.

There was a notable reduction in infestation in a number of large cities where soil treating programs have been carried on for a period of years. Pronounced reductions were observed in Atlanta, Ga., Chicago and Highland Park, Ill., Indianapolis, Ind., Detroit, Mich., St. Louis, Mo., and in a number of North Carolina and Ohio communities. Infestations in many of these cities have reached a new low, indicating that repeated soil treating programs have become increasingly effective.

Infestations discovered through the trapping in Florida, Georgia, Kentucky, and Tennessee were of negligible proportions, and soil treating was not deemed necessary.

Applications of lead arsenate to the sites of established infestations in Illinois, Indiana, Michigan, Missouri, North Carolina, Ohio and South Carolina either have been completed or are definitely scheduled. Soil treating has also been finished in Newark, N. Y., and similar treatments are under discussion in Avon, Jamestown, Niagara Falls and Waterloo. If such treatments are not completed in the spring of 1943, these localities will come under consideration as possible additions to the regulated zone. Fulton, Oswego and Silver Creek are listed for inclusion in the regulated zone under a revision of area soon to be issued.

In addition, extensions of the area under regulation for the insect are under consideration to include important, untreated infestations in Maryland, Pennsylvania, Virginia, and West Virginia.

Satisfactory treatment of infestations in non quarantined States or assurance that such work will be undertaken in the spring of 1943, avoids the necessity of holding a hearing or conference to consider the extension of the regulated area or modifications of the regulations in advance of the forthcoming revision. The accompanying statement is issued in lieu of the report that might be presented at such a conference. It will make available to State plant quarantine officials and other interested parties the latest information on the distribution and status of the Japanese beetle in areas not now included under Federal quarantine.

P. N. ANNAND

Chief of Bureau

Attachments - 2

JAPANESE BEETLE TRAPPING AND CONTROL OPERATIONS DURING 1942

Several factors were responsible for a 30 percent reduction in the number of traps operated in 1942 as compared to 1941. Coated sheet metal for manufacturing new traps was in such demand for purposes related to the war effort that none was purchased. The only parts purchased were new wire bails. Traps used in 1942 were those that could be reclaimed from the larger number available in 1941. There was considerable difficulty in obtaining bait. Geraniol, the principal ingredient, was finally purchased at \$2.20 per pound, as compared with 49¢ per pound in 1941. This increased price was for a lower grade, based on emergency specifications. The daily wage of trap inspectors was also increased from \$4.00 to \$4.50 at the beginning of the season.

These increased costs decreased the amount of work that could be performed, consequently, instead of the 1941 program, using 78,509 traps in 462 localities in 39 States, the 1942 program was confined to the placement of 55,354 traps in 242 cities and towns in 17 States. With this restricted program, trapping sites were selected where there was the most likelihood of beetle spread. All localities outside the regulated area in which incipient or established infestations were known to exist were included in the trapping program.

In reducing the program, distribution of small lots of traps to the Bureau's field stations throughout the country was abandoned for the season. In addition, the usual plan for trap operation in control areas such as St. Louis, Detroit and Indianapolis was modified by temporarily discontinuing trapping in sections previously treated with lead arsenate. Trapping was also curtailed in other areas that had been trapped for several successive years with negative results. This concentrated the traps in sections where they would be most effective. Thus, while the number of traps operated under this plan was considerably less than last year, the effectiveness of the program was not reduced proportionately.

Beetles were captured in 122 of the trapped communities. Thirty-three of these were first-record finds. Of the 122 infestations, 71 were of a few scattered beetles each. The remaining 51 infestations were of such proportions as to indicate establishment of the insect in these localities. These 51 cities and towns are those in which soil treatments have been or are to be completed, or are under consideration for quarantining.

All trapping in 7 localities in Maine, and 3 cities in Wisconsin was with negative results. In Florida, Georgia, Kentucky, Tennessee and Vermont, the few infestations determined this season were relatively unimportant and soil treatments were not urged in these States.

Maryland State trapping for Japanese beetle control was again carried on, with 31,924 traps operated. Beetles captured in cities and towns totalled 43,740,561, or 4,374 tons. Most of these were caught within the present regulated area. Beetles were trapped in varying numbers in 17 cities and towns outside the infested zone. The Federally-regulated area will be extended to include all remaining nonregulated area of the State except the southernmost section of the Western Shore and two small areas in the westernmost counties.

An infestation in a borough adjoining the Erie, Pa. isolated area will be added to the present regulated area in the State.

Trapping was with positive results in 15 Virginia cities and towns. Nine of these are negligible in scope. Material for soil treating in Woodstock has been purchased by the State, and there are good prospects of treatments being applied in Harrisonburg. Radford and West Point, along with Pulaski and Roanoke, the latter two places already included in the State's Japanese beetle quarantine, will be added to the Federally-regulated area.

Extension of the Federally-regulated area in West Virginia to include four established infestations, with action deferred in respect to four minor infestations in the State, has already been proposed by the cooperating State official.

In view of the control programs already initiated by the several States, quarantine extension this year will be nominal, and will be confined to a few localities each in Maryland, New York, Pennsylvania, Virginia and West Virginia.

Cooperating State Soil Treating

There was some delay in getting soil treating work under way in some areas due to the lack of lead arsenate earlier in the season. At the direction of the war agencies of the Government, the manufacturers had devoted their equipment to the production of calcium arsenate, principally for boll weevil control. Promptly at the end of that effort the switch-over to lead arsenate manufacture took place.

Trap collections in Missouri were the fewest in years. To protect this already favorable situation there, the State has treated 7.3 acres in St. Louis, and has amended its State quarantine to add the few new sections in the city in which scattered beetles were found outside previously treated blocks.

North Carolina's soil treating and inoculation program of 1942 extended to all infestations of major importance in the State. Lead arsenate was applied to 292.5 acres in 11 localities. In three other cities, milky disease inoculations in open pasture lands are planned. Small, scattered infestations of minor importance occurred at 9 other points. Asheville will retain its present status as a separate control area under State quarantine. The State Japanese beetle quarantine was amended on September 1, 1942 to include several infestations discovered during the summer in unquarantined sections. The State's treating program, supplemented with a system of inspection paralleling the Federal regulations but performed under State authority, is believed adequate to cope with the situation as it has developed this year.

Treatments were continued in Newark, N. Y. this year, with a coverage of 30.9 acres. Discussions are in progress with New York State authorities concerning methods to be pursued in handling four infestations of an established nature outside the present regulated area. Conferences are being held by State and municipal authorities in these communities to determine whether funds for purchasing lead arsenate and labor can be provided. If soil treatments are not undertaken, addition of these communities to the regulated area is anticipated. Thirteen of the New York infestations are of such a scattered nature that no treatment is required.

Soil treatments in Ohio were begun the latter part of September. This year's soil treatments in Ohio were the most extensive thus far undertaken by that State. Over 400 acres were included in the treatments in 18 cities and towns. Exclusive of two finds of solitary beetles each and an infestation that is located in such proximity to the West Virginia regulated area that it is more practicable to add it to the regulated area than to treat, this control program included every infestation found in the State during 1942.

Indications are that in South Carolina there are two well established infestations, in addition to finds of solitary beetles in each of 4 other cities. State funds have been allotted for the purchase of material for soil treating and it is anticipated that the work will proceed early this winter.

Soil treatments got under way in Chicago, Ill. on September 8 to take care of the beetles caught outside previously treated areas in that city. At the completion of the Chicago work, treatments proceeded in Highland Park. Twenty acres were treated in Highland Park, and 46.4 acres in Chicago. These are the only two infestations of importance in Illinois. Solitary beetles were trapped in three other localities.

Lead arsenate was also applied to the only two important infestations discovered in Indiana this year. In Logansport, 5.7 acres were treated, and in Richmond 18.9 acres. Five other minor infestations are all of a few scattered beetles each.

Michigan's soil treating program has been completed for a total of 99.2 acres. All infestations discovered in the State, irrespective of size or concentration, were treated. The only infestations of an established nature are those in Detroit and Flint.

POSITIVE RESULTS

Location	1942		1941		1940		1939		1938		1937		1936		1935		1934		1933		1932	
	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.
FLORIDA																						
Jacksonville	295	1	600	-	600	5	-	-	-	-	792	-	-	-	-	-	-	-	-	-	400	-
Miami	300	1	300	-	600	2	12	-	12	-	778	-	-	-	-	-	-	-	-	-	400	-
Tampa	300	-	600	-	600	1	-	-	-	-	796	-	-	-	-	-	-	-	-	-	400	-
GEORGIA																						
Atlanta	1025	4	2369	24	3109	32	3200	40	3033	122	1487	6	396	-	-	-	-	-	-	-	400	-
Augusta	300	5	-	-	-	-	400	-	-	-	392	-	392	1	-	-	-	-	-	-	400	-
Chamblee	25	-	64	2	50	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Point	100	4	350	7	440	137	400	142	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gainesville	100	-	300	1	200	2	-	-	50	-	-	-	-	-	-	-	-	-	-	-	-	-
Jonesboro	-	-	-	-	83	-	60	-	15	3	-	-	-	-	-	-	-	-	-	-	-	-
Savannah	297	-	-	-	12	-	298	-	12	1	800	-	395	1	-	-	-	-	-	-	400	-
Toccoa	50	3	100	-	123	2	92	-	-	-	100	-	-	-	-	-	-	-	-	-	-	-
											*Atlanta 1931		24 Traps		0 J.B.							
											*Savannah 1931		300 Traps		0 J.B.							
ILLINOIS																						
Bloomington	200	1	300	1	-	-	-	-	-	-	395	-	-	-	-	-	-	-	-	-	-	-
Chicago	7550	170	9200	407	10000	462	9838	549	9926	330	9980	384	7500	3740	3065	39	1038	6	-	-	-	-
Cicero	-	-	400	-	800	-	800	2	600	5	400	1	-	-	-	-	-	-	-	-	-	-
East St. Louis	599	1	600	10	600	5	800	24	800	1	1234	3	1102	2	1060	3	804	1	-	-	-	-
Elgin	-	-	300	-	-	-	-	-	385	-	388	1	-	-	-	-	-	-	-	-	-	-
Evanston	400	-	400	-	800	-	800	16	600	1	400	20	-	-	-	-	-	-	-	-	-	-
Highland Park	600	173	1100	5608	-	-	-	-	200	-	-	-	-	-	-	-	-	-	-	-	-	-
Highwood	200	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oak Park	-	-	300	-	300	1	-	-	600	-	800	-	-	-	-	-	-	-	-	-	-	-
											*Chicago 1931		300 Traps		0 J.B.							
INDIANA																						
Bedford	99	-	240	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bluffton	-	-	-	-	250	-	300	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Chicago	-	-	-	-	-	-	300	-	300	1	400	-	-	-	-	-	-	-	-	-	-	-
Elkhart	289	6	392	3	299	77	316	5	300	2	-	-	-	-	-	-	-	-	-	-	-	-
Fort Wayne	596	4	1226	5	1200	52	1600	105	1600	20	800	18	399	5	-	-	-	-	-	-	-	-
Hammond	400	8	324	3	300	-	50	-	400	-	400	-	-	-	-	-	-	-	-	-	-	-
Indianapolis	1195	7	2514	21	2700	160	3280	76	3600	10	3500	12	3500	28	2434	57	792	17	-	-	-	-
Logansport	300	9	317	5	313	13	400	98	400	8	300	1	-	-	-	-	-	-	-	-	-	-
Muncie	-	-	192	-	-	-	400	1	-	-	400	-	-	-	-	-	-	-	-	-	-	-
Newcastle	200	-	200	-	200	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Richmond	298	556	327	4	300	7	400	1	-	-	400	-	398	-	-	-	-	-	-	-	48	-
South Bend	-	-	1126	-	1200	12	1600	-	1600	8	800	43	400	3	-	-	-	-	-	-	-	-
Terre Haute	400	1	430	18	-	-	-	-	-	-	-	-	397	-	-	-	-	-	-	-	-	-
Warsaw	100	-	195	2	194	60	300	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whiting	400	-	300	1	300	4	250	18	100	1	200	-	-	-	-	-	-	-	-	-	-	-
IOWA																						
Ft. Madison	-	-	-	-	-	-	200	-	200	1	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY																						
Lexington	274	-	-	-	-	-	600	-	597	1	391	1	400	1	-	-	-	-	-	-	-	-
Louisville	590	1	1223	1	1200	4	1600	13	1566	62	800	10	800	2	-	-	-	-	-	-	-	-
MAINE																						
Augusta	-	-	-	-	325	9	400	5	260	3	-	-	253	-	200	1	204	1	296	7	148	1
Bangor	-	-	-	-	95	4	-	-	100	-	-	-	201	-	293	-	204	-	388	-	200	-
Bar Harbor	-	-	-	-	-	-	150	-	200	2	-	-	172	-	120	-	201	-	-	-	-	-
Bath	-	-	-	-	-	-	175	-	200	1	-	-	175	-	203	-	202	-	202	-	-	-
Brunswick	-	-	-	-	-	-	100	-	200	1	-	-	71	-	84	-	120	-	60	-	-	-
Ellsworth	-	-	-	-	115	-	-	-	100	1	-	-	125	-	72	-	-	-	-	-	-	-
MARYLAND																						
Porton	12	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beverly Beach	-	-	-	-	-	-	-	-	-	10	-	-	10	1	-	-	-	-	-	-	-	-
Big Pool	70	206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chaptico	9	-	15	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chesapeake Beach	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
and North Beach	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Davidsonville	10	84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Galesville	25	9	-	-	-	-	-	-	-	10	-	-	10	-	-	-	-	-	-	-	-	-
Hancock	150	60	150	8	100	10	-	-	102	-	-	24	-	23	1	24	2	-	-	-	304	-
Hughesville	50	18	-	-	-	-	-	-	64	-	-	14	-	20	-	20	-	20	1	-	2	-
Kenwood Beach	-	-	-	-	-	-	-	-	-	10	3	-	-	-	-	-	-	-	-	-	-	-
Leonardtown	131	-	100	7	225	4	-	1	192	-	-	10	20	-	25	3	25	-	40	1	-	-
Linkwood	28	6780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lonsaconing	25	33	-	-	-	-	-	-	-	15	-	30	-	-	-	-	-	70	-	-	-	-
Layo	20	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mechanicsville	68	5	-	-	-	-	-	-	50	2	10	-	10	-	10	-	10	-	20	1	-	-
Mount Holly	11	40560	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Owensville	16	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Frederick	140	23	150	15	125	11	-	1	90	-	10	-	10	-	-	-	-	-	21	-	-	-
Riverview	15	575	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-
Seaside Park	-	-	-	-	-	-	-	-	-	-	10	1	10	-	-	-	-	-	-	-	-	-
Shadyside	-	-	-	-	100	9	-	-	82	-	10	-	10	1	-	-	-	-	-	-	-	-
Shaft	6	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solomons	91	279	90	48	-	-	68	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solomons Island	-	-	-	-	100	163	-	-	-	10	2	10	10	-	11	1	25	2	-	-	-	-
MICHIGAN																						
Birmingham	161	5	200	2	200	-	200	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dearborn	366	1	400	5	400	-	400	5	780	1	796	6	398	-	-	-	-	-	-	-	-	-
Detroit	5056	32	7000	225	6000	252	5250	115	5313	82	5045	67	4686	128	790	23	792	10	1042	4	389	8
Flint	197	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grosse Pointe	-	-	100	-	200	-	25	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Farms	-	-	-	-	-	-	400	-	200	2	200	-	-	-	-	-	-	-	-	-	-	-
Highland Park	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln Park	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Levindale	100	4	100	2	100	1	200	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pontiac	-	-	179	-	-	-	200	-	50	1	398	-	-	-	-	-	-	144	-	-	-	-
River Rouge	100	1	-	-	-	-	-	-	200	-	-	-	-	-	-	-	-	-	-	-	-	-
											*Dearborn 1931		200 Traps		0 J.B.							
											* " 1930		100 " "		0 J.B.							
											* Detroit 1931		100 " "		0 J.B.							

JAPANESE BEETLE TRAPPING

1930 - 1942

-2-

Location	1942 Trans J.B.	1941 Traps J.B.	1940 Traps J.B.	1939 Traps J.B.	1938 Traps J.B.	1937 Traps J.B.	1936 Traps J.B.	1935 Traps J.B.	1934 Traps J.B.	1933 Traps J.B.	1932 Traps J.B.
MISSOURI											
Bridgetown (St. Louis-Lam- bert Field)	77	1	108	3	51	1	122	30	122	30	122
St. Louis	7921	6	10168	15	12299	30	12230	26	12500	27	12557
NEW HAMPSHIRE											
Woodsville	-	-	-	-	-	1	-	12	-	-	-
NEW YORK											
Albion	-	-	30	-	-	-	100	1	-	-	-
Alexandria Bay	99	-	100	1	-	-	-	-	-	-	-
Avon*	100	196	25	18	-	-	-	-	-	-	-
Batavia	100	-	-	-	300	1	400	1	-	-	-
Bath	100	2	-	-	30	-	-	-	-	-	-
Canandaigua	200	-	-	-	200	2	200	5	100	4	-
Dansville	194	-	200	1	300	6	150	116	100	10	-
Dundee	-	-	-	-	30	-	20	1	40	-	-
Dunkirk*	300	3	-	-	-	-	-	-	-	-	-
East Aurora	-	-	31	-	-	-	-	-	98	-	-
Fulton	198	164	-	-	-	-	99	1	-	-	-
Geneva	200	9	199	4	200	5	300	15	200	2	190
Gowanda	100	-	-	-	-	-	-	-	-	-	-
Hammondsport	97	-	-	-	40	-	21	1	-	-	-
Jamestown	597	98	-	-	-	-	-	-	800	-	398
Keeseville	101	1	-	-	-	-	-	-	37	-	-
Lockport	-	-	200	-	-	-	-	-	195	1	-
Lowville	77	1	-	-	-	-	99	-	-	-	-
Malone	200	1	200	1	12	-	4	-	-	-	-
Mayville	-	-	-	-	-	-	30	1	30	-	-
Massena	-	-	200	-	-	-	100	1	-	-	-
Medina	-	-	200	-	-	-	150	1	-	-	-
Newark	300	65	299	44	200	21	200	2	198	1	200
Niagara Falls	600	216	320	510	-	-	-	-	790	13	-
N. Tonawanda	300	4	-	-	-	-	-	-	190	-	-
Ogdensburg	198	14	300	15	-	-	-	-	200	-	-
Olean	300	-	-	-	-	-	-	-	400	-	-
Oswego	296	1125	-	-	-	-	-	-	200	17	-
Palmyra	100	-	30	1	40	-	-	-	200	2	209
Penn Yan	100	3	-	-	40	-	-	-	204	-	-
Plattsburg	242	14	301	4	-	-	-	-	-	-	-
Rouses Point	100	5	-	-	-	-	-	-	40	-	-
Seneca Falls	200	1	-	-	55	-	60	1	100	-	-
Silver Creek	100	104	-	-	-	-	-	-	50	-	-
Waterloo	100	33	-	-	30	-	-	-	-	-	-
Westfield	-	-	-	-	-	200	-	-	50	-	-
						Avon	1931	-	300	Traps	0 J.B.
						Dunkirk	1931	-	100	"	0 J.B.
NORTH CAROLINA											
Aulander	-	-	-	-	-	-	-	-	-	-	25
Burlington	200	3	300	62	300	34	200	5	-	-	1
Charlotte	594	25	600	12	600	37	883	36	-	-	-
Durham	500	5	598	27	600	58	800	29	-	-	-
East Spencer	100	83	238	349	200	985	200	645	-	-	192
Elizabeth City	199	31	300	53	200	29	350	46	-	-	1
Fayetteville	280	7	-	-	-	-	-	-	200	11	-
Gastonia	200	106	-	-	-	-	-	-	196	-	-
Goldensboro	200	3	200	2	200	2	197	3	295	-	-
Greensboro	600	19	900	98	900	100	1000	334	-	-	-
Hawlet	200	3	-	-	-	-	97	1	100	5	-
Henderson	-	-	40	-	-	-	-	-	98	-	-
Hendersonville	100	1718	-	5	-	-	-	-	-	-	-
High Point	398	18	597	84	600	77	800	37	600	34	400
Kinston	-	-	-	-	-	-	10	-	200	1	3
Lexington	100	-	197	4	200	8	196	11	158	2	-
Lumberton	-	-	-	-	100	-	-	-	-	-	-
Murfreesboro	-	-	5	-	20	-	-	-	-	-	-
Oxford	-	-	12	-	12	-	-	-	-	-	-
Raleigh	593	46	599	68	600	33	606	12	600	20	397
Reidsville	160	4	-	-	-	-	-	-	98	-	4
Rocky Mount	193	16	301	26	300	12	200	10	400	1	393
Salisbury	215	29	300	232	200	87	300	30	407	6	393
Sanford	95	-	100	-	100	11	100	38	96	16	407
Spencer	101	-	246	52	200	157	300	374	-	-	200
Statesville	-	-	-	-	-	-	-	-	200	227	206
Tarboro	100	-	-	-	100	1	-	-	200	1	200
Thomasville	107	1	-	-	-	-	200	2	181	2	200
Wake Forest	-	-	-	-	-	-	-	-	-	-	25
Washington	95	-	-	-	-	-	94	-	-	-	35
Waynesville	50	1	-	-	-	-	-	-	-	-	-
Weldon	98	-	97	13	100	3	-	-	-	-	-
Wilmington*	497	13	600	52	600	43	600	90	100	40	380
Wilson	200	11	198	8	200	3	200	4	200	1	400
Winston-Salem	595	23	1195	97	1200	366	1600	1182	-	-	1158
									273	1212	37
									Wilmington	1931	-
									300	Traps	0 J.B.

JAPANESE BEETLE TRAPPING

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Location	1942		1941		1940		1939		1938		1937		1936		1935		1934		1933		1932	
	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.
OHIO																						
Ac. Maala	300	38	340	108	299	53	400	97	397	126	212	129	299	-	103	-	100	-	216	-	250	-
Athens	-	-	198	-	100	1	-	-	-	-	198	-	-	-	-	-	-	-	-	-	-	-
Belleme	125	218	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Belpre	100	66	100	94	102	191	100	124	36	9	12	-	-	-	-	-	-	-	-	-	-	-
Bucyrus	100	-	200	5	200	3	-	-	-	-	194	-	-	-	150	-	-	-	-	-	-	-
Caldwell	98	1	25	1	25	-	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chillicothe	297	5	-	-	-	-	-	-	-	-	297	-	-	300	1	171	1	132	-	132	-	-
Cincinnati	-	-	877	-	-	-	-	-	1200	-	950	1	978	-	800	-	-	-	396	-	400	-
Conneaut	303	32	365	159	300	371	200	184	196	13	200	1	200	6	95	2	100	-	-	-	-	-
East Conneaut	95	120	-	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Crestline	100	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Elyria	200	-	300	1	299	1	400	2	-	-	400	-	-	-	-	-	-	-	-	-	-	-
Gallipolis	295	2520	200	444	200	769	200	217	197	20	199	12	100	7	-	-	-	-	-	-	-	-
Lancaster	195	-	-	-	200	-	-	-	196	-	-	-	280	-	300	2	-	-	-	-	-	-
Lorain	296	2	-	-	-	-	400	-	-	-	396	-	-	-	-	-	-	-	-	-	-	-
Lunker Airport (Cincinnati)	100	3	31	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Marietta	199	126	300	10	300	38	300	48	260	19	284	45	300	121	200	12	-	-	196	-	-	-
Marion	300	28	-	-	300	-	-	-	-	-	387	-	400	-	400	-	-	-	204	-	-	-
Millersburg	100	-	50	1	42	-	171	-	99	-	-	-	-	-	-	-	-	-	-	-	-	-
Mt. Vernon	200	5	85	-	200	-	-	-	199	-	-	-	-	-	-	-	-	-	-	-	-	-
Nelsonville	98	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Concord	97	6	25	1	35	1	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Norwalk	200	1	55	-	100	1	200	-	97	-	-	-	-	-	-	-	-	-	-	-	-	-
Rockbridge	35	167	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sandusky	195	-	-	-	-	-	100	-	12	1	382	-	200	-	-	-	-	-	-	-	-	-
So. Zanesville	100	318	175	1076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tiffin	300	1	300	-	-	-	-	-	-	-	200	-	-	-	-	-	-	-	132	-	-	-
Van Wert	100	-	321	1	-	-	-	-	-	-	196	-	-	-	-	-	-	-	-	-	-	-
Washington C.H.	-	-	-	-	-	-	-	-	-	-	198	-	-	-	125	-	132	-	132	1	-	-
Zanesville	200	5	298	1	300	23	200	5	-	-	398	-	400	-	396	1	-	-	198	-	246	1
											* Cincinnati 1931 - 300 Traps Q J.B.											
PENNSYLVANIA																						
Greenville	-	-	300	5	300	2	200	1	-	-	100	-	195	-	-	-	-	-	92	-	-	-
Levittown	-	-	400	51	400	16	400	7	-	-	198	-	300	-	-	-	-	-	92	-	392	-
Mesleyville	100	13	100	5	65	1	-	-	-	-	41	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA																						
Charleston	255	1	300	5	300	12	-	-	794	2	783	2	730	11	755	-	-	-	-	-	800	-
Columbia	399	1	-	-	-	-	-	-	-	-	792	-	800	-	555	-	-	-	-	-	400	-
Florence	100	43	200	7	200	8	12	-	12	-	297	-	300	-	306	-	-	-	225	1	201	2
Greenville	300	16	596	18	900	12	800	5	765	6	750	1	794	33	799	89	204	2	396	1	-	-
Spartanburg	300	1	300	1	-	-	-	-	-	-	398	-	399	-	400	-	-	-	316	-	-	-
Sumter	200	1	-	-	-	-	-	-	-	-	-	-	200	-	200	-	-	-	200	-	193	-
											* Charleston, 1931 300 Traps 4 J.B.											
TENNESSEE																						
Bristol	131	2	-	-	-	-	200	-	172	-	151	-	175	4	-	-	-	-	-	-	-	-
VERMONT																						
Barre	192	17	293	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	204	-	-	-
Montpelier	196	-	193	1	10	-	12	-	12	-	26	-	200	-	-	-	-	-	192	-	-	-
VIRGINIA																						
Achland	-	-	-	-	-	-	-	-	29	-	60	-	50	1	100	7	102	-	100	4	-	-
Berryville	-	-	100	9	100	7	30	3	33	-	-	-	-	-	-	-	36	-	25	-	42	-
Bristol	147	7	-	-	-	-	200	-	196	4	145	2	125	1	-	-	-	-	175	-	-	-
Buena-Vista	-	-	-	-	-	-	-	-	-	-	100	1	100	-	-	-	-	-	50	-	-	-
Clifton Forge	-	-	-	-	-	-	-	-	-	-	84	-	100	1	-	-	-	-	146	-	-	-
Columbia	10	1	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-
Courtland (South- ampton County)	-	-	5	-	20	1	-	-	-	-	10	-	10	-	-	-	-	-	12	-	-	-
Dayton	20	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Franklin (South- ampton County)	100	-	35	1	43	-	-	-	-	-	22	-	25	-	-	-	-	-	60	-	-	-
Harrisonburg	100	18	40	4	200	5	-	-	199	6	197	1	200	-	200	2	228	-	196	1	178	2
Mooreville	-	-	-	-	-	-	-	-	130	-	200	-	200	-	200	1	180	-	40	1	-	-
Luray	95	7	20	1	10	1	-	-	44	1	-	-	25	-	40	-	40	-	40	-	47	1
Lynchburg	-	-	300	-	-	-	400	-	-	-	789	-	399	-	394	-	192	-	396	-	400	2
Midford	-	-	-	-	-	-	22	1	17	3	10	-	5	-	-	-	12	-	-	-	-	-
Mineral	12	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mt. Jackson	45	1	10	1	10	-	-	-	8	-	-	-	-	-	-	-	12	-	15	-	-	-
New Market	45	2	14	1	20	-	-	-	20	3	-	-	25	-	25	-	25	-	20	-	24	1
Orange	-	-	8	-	-	-	25	-	30	-	30	-	30	-	48	-	48	-	40	1	-	-
Fulaski	100	285	-	-	-	-	-	-	-	-	90	31	150	29	143	14	-	-	200	-	-	-
Radford	100	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	161	-	-	-	-
Rappahannock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Academy	-	-	-	-	-	-	18	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roanoke	326	1233	-	-	-	-	-	-	-	-	757	38	800	16	406	23	204	9	396	7	400	23
Salem	87	3	-	-	-	-	-	-	-	-	-	-	100	-	96	-	-	-	100	-	-	-
South Hill	92	-	10	-	30	-	-	-	-	-	20	1	15	-	-	-	-	-	41	-	-	-
Staunton	-	-	24	-	-	-	-	-	198	7	200	2	200	-	192	3	192	-	225	1	135	-
Stephens City	-	-	5	2	-	-	10	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Strasburg	-	-	13	-	25	2	-	-	-	-	-	-	-	-	-	-	36	-	40	-	-	-
Timberville	-	-	-	-	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unionville	-	-	-	-	-	-	20	1	-	-	9	-	-	-	-	-	-	-	-	-	-	-
Warsaw	-	-	-	-	-	-	20	-	-	-	15	1	10	-	9	-	-	-	15	-	-	-
Waynesboro	-	-	23	-	-	-	-	-	-	-	-	-	100	-	-	-	-	-	114	-	-	-
West Point	100	31	-	-	-	-	-	-	30	-	20	-	20	-	20	-	-	-	30	-	-	-
Williamsburg	160	7	-	-	-	-	-	-	40	-	35	-	52	-	-	-	35	-	42	-	-	-
Woodstock	97	67	9	4	25	5	-	-	30	-	-	-	25	-	-	-	-	-	-	-	-	-

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	1942	1941	1940	1939	1938	1937	1936	1935	1934	1933	1932
Location	Traps J.B.	Traps J.B.	Traps J.B.	Traps J.B.	Traps J.B.	Traps J.B.	Traps J.B.	Traps J.B.	Traps J.B.	Traps J.B.	Traps J.B.
WEST VIRGINIA	-	-	-	-	-	-	-	-	-	-	-
Carleley Springs	-	-	-	-	30	-	-	35	36	1	-
Lackmannon	101	61	-	70	3	90	-	-	-	-	-
Elkins	99	3	-	70	2	125	-	-	-	156	-
Clinton ton	-	-	-	-	593	796	2	400	2	400	1
Pennsboro	98	9	19	4	-	-	-	-	-	-	-
Phillipi	99	68	-	25	2	90	1	-	-	-	-
Princeton	100	11	-	-	-	100	2	97	4	150	3
Rowlesburg	-	24	-	-	-	-	-	-	-	168	6
St. Albans	23	1	-	-	-	-	-	-	-	-	132
St. Mary's	-	-	30	25	1	40	-	-	-	-	2
Weston	100	9	-	70	1	101	-	150	-	-	199